

USDA FOREST SERVICE, R-4  
UINTAH BASIN INTERAGENCY FIRE CENTER INTERIOR REPAINT  
SECTION 000501 – GENERAL PROJECT DESCRIPTION

PART 1 - GENERAL

1.1 SUMMARY

- A. This work includes the interior repaint for the Uintah Basin Interagency Fire Center.

1.2 REFERENCE SPECIFICATIONS

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referred in the text by the basic designation only.

2015 International Building Code  
2015 International Plumbing Code  
2015 International Mechanical Code  
2015 International Fuel Gas Code  
2014 National Electrical Code  
2010 Americans with Disabilities Act/Architectural Barriers Act Guidelines (ADA/ABAG)  
<http://www.access-board.gov/guidelines-and-standards>

1.3 MEASUREMENT AND PAYMENT

- A. Interior Repaint - Measurement and payment shall be Lump Sum Quantity (LSQ) as shown in the Schedule of Items for the Interior Repaint and includes all work outlined in the specifications to accomplish the work.

1.4 RELATED WORK

- A. The work shall be in accordance with the following specifications. The subsidiary specifications are referred to in the text by the Section designation only.

SECTION C - DESCRIPTION/SPECIFICATIONS/STATEMENT OF WORK  
000501 – GENERAL PROJECT DESCRIPTION

**DIVISION 1 -GENERAL REQUIREMENTS**

011250 - MEASUREMENT AND PAYMENT  
011900 – MOBILIZATION  
014100 – QUALITY CONTROL

**DIVISION 2 – EXISTING CONDITIONS**

024100 - WASTE MATERIAL DISPOSAL

**DIVISION 9 - FINISHES**

099120 - INTERIOR PAINTING

PRODUCTS - Not Applicable

PART 2 - EXECUTION – Not Applicable

END OF SECTION 000501

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USDA FOREST SERVICE, R-4  
UINTAH BASIN INTERAGENCY FIRE CENTER INTERIOR REPAINT  
SECTION 011250 - MEASUREMENT AND PAYMENT

PART 1 - GENERAL

1.1 SUMMARY

- A. Measurement and payment for contract work will be made only for and under those pay items included in the Schedule of Items. All other work, labor, materials, equipment, and incidentals necessary to successfully complete the project will be considered as included in the payment for items shown. This section defines the method of measurements and basis of payment for work items listed in the Schedule of Items.
- B. When more than one class, size, type, thickness, etc. is specified in the Schedule of Items for any pay item, suffixes will be added to the item number to differentiate between the pay items.

1.2 DETERMINATION OF QUANTITIES

- A. The following measurements and calculations shall be used to determine contract quantities for payment.

1.3 UNITS OF MEASUREMENT

- A. Payment shall be by units defined and determined according to U.S. Standard measure and by the following:
  - 1. Lump Sum (LS): One complete unit.
  - 2. Square Foot (SF): Measured on a plane parallel to the surface being measured.

1.4 METHOD OF MEASUREMENT

- A. One of the following methods of measurement for determining final payment is designated on the Schedule of Items for each pay item:
  - 1. ACTUAL QUANTITIES (AQ) - These quantities are determined from actual measurements of completed work.
  - 2. LUMP SUM QUANTITIES (LSQ) - These quantities denote one complete unit of work as required by or described in the contract, including necessary materials, equipment, and labor to complete the job. They shall not be measured.

PART 2 - PRODUCTS (NOT APPLICABLE)

PART 3 - EXECUTION (NOT APPLICABLE)

END OF SECTION 011250  
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UINTAH BASIN INTERAGENCY FIRE CENTER INTERIOR REPAINT  
SECTION 011900 - MOBILIZATION

PART 1 - GENERAL

1.1 SUMMARY

- A. This item is intended to compensate the Contractor for operations including, but not limited to, those necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for payment of premiums for bonds and insurance for the project; and for any other work and operations which must be performed or costs that must be incurred incident to the initiation of meaningful work at the site and for which payment is not otherwise provided for under the contract.

1.2 MEASUREMENT AND PAYMENT

- A. The measurement shall be lump sum for mobilization. Payment shall be as follows:
  - 1. Bond premiums will be reimbursed after receipt of the evidence of payment.
  - 2. 50% of the lump sum, not to exceed 5% of the original contract amount, will be paid following completion of 5% of the original contract amount not including mobilization and bond premiums.
  - 3. Payment of the remaining portion of the lump sum, up to 10% of the original contract amount, will be paid following completion of 10% of the original contract amount not including mobilization and bond premiums.
  - 4. Any portion of the lump sum in excess of 10% of the original contract amount will be paid after final acceptance.
  - 5. Progress payments for mobilization and preparatory work shall be subject to retainage.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION 011900  
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UINTAH BASIN INTERAGENCY FIRE CENTER INTERIOR REPAINT  
SECTION 014100 - QUALITY CONTROL

PART 1 - GENERAL

- 1.1 This work shall consist of providing quality control in conformance with the inspection, testing, and product certification requirements of this contract to ensure compliance with the drawings and specifications. The Contractor shall provide all personnel, equipment, tests, and reports necessary to meet the requirements of the contract.
- 1.2 QUALITY CONTROL
  - A. The Contractor shall provide and maintain a quality control system that will ensure all services, supplies, and construction work required under this contract conforms to the contract requirements. The Contractor shall perform, or cause to be performed, the sampling, inspection, and testing required to substantiate that all services, supplies, and construction conform to the contract requirements.
- 1.3 SUBMITTALS
  - A. Contractor Quality Control Plan
  - B. Permits, Licenses, and Certificates
  - C. Test and Inspection Reports
- 1.4 MEASUREMENT AND PAYMENT
  - A. No separate payment will be made for the work included under this section; rather payment shall be considered to be included in the items of work listed in the Schedule of Items.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION

- 3.1 QUALITY CONTROL SYSTEM
  - A. General: Perform required testing, inspections, sampling, and similar services per direction specified in the contract drawings and specifications and in accordance with established industry standards.
- 3.2 CONTRACTOR QUALITY CONTROL PLAN
  - A. At the time of the prework conference, the Contractor shall submit for approval a written Contractor Quality Control Plan.

1. If the plan requires any revisions or corrections, the Contractor shall resubmit the plan within 10 days.
2. The Government reserves the right to require changes in the plan during the contract period as necessary.
3. No change in the approved plan may be made without written concurrence by the Contracting Officer.
4. At a minimum, the plan shall include the following:
  - a. A list of personnel responsible for quality control and assigned duties. Include each person's qualifications.
  - b. A copy of a letter of direction to the Contractor's Quality Control Supervisor outlining assigned duties.
  - c. Names, qualifications, and descriptions of laboratories to perform sampling and testing, and samples of proposed report forms.
  - d. Methods of performing, documenting, and enforcing quality control of all work.
  - e. Methods of monitoring and controlling environmental pollution and contamination as required by all applicable regulations and laws.

### 3.3 TEST AND INSPECTION REPORTS

- A. Submit three copies of complete test results no later than three calendar days after the test was performed.
- B. Submit failing test results and proposed remedial actions within four hours of noted deficiency.
- C. Testing and Inspection Reports shall include the following:
  1. Date of issue.
  2. Project title and number.
  3. Name, address, and telephone number of testing agency.
  4. Dates and locations of samples, tests, or inspections.
  5. Names of individuals performing tests and inspections.
  6. Reference Specification Section(s).
  7. Complete test or inspection data.
  8. Test and inspection results and an interpretation of test results.
  9. Ambient conditions at time sample was taken, tested, or inspected.
  10. Comments or professional opinion on whether tested or inspected work complies with the Contract Document requirements.
  11. Name and signature of laboratory inspector.
  12. Recommendations on retesting and reinspecting.

### 3.4 PERMITS, LICENSES, AND CERTIFICATES

- A. For Contracting Officer's records, submit copies of permits, licenses, certifications, inspection reports, releases, jurisdictional settlements, notices, receipts for fee payments, judgments, correspondence, records, and similar documents, established for compliance with standards and regulations relevant to the on performance of the work.

END OF SECTION 014100

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SECTION 024100 - WASTE MATERIAL DISPOSAL

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the loading, handling, hauling, and placing of excess painting debris.

1.2 MEASUREMENT AND PAYMENT

- A. There will be no separate measurement or payment for work in this Section. Waste material disposal is considered incidental to other items of work shown in the Schedule of Items.

PART 2 - PRODUCTS – NOT APPLICABLE

PART 3 - EXECUTION

3.1 WASTE MATERIAL TO BE HAULED TO A DISPOSAL AREA

- A. N/A.

3.2 WASTE MATERIAL TO BE HAULED TO A LANDFILL

- A. All garbage, and other refuse generated shall be removed from the project site and legally disposed of off Government property in an approved landfill.
- B. The contractor is responsible for all costs and permits associated with landfill disposal.
- C. The Government is not responsible for waste material upon its departure from the project site.

END OF SECTION 024100

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USDA FOREST SERVICE, R-4  
UINTAH BASIN INTERAGENCY FIRE CENTER INTERIOR REPAINT  
SECTION 099120 - INTERIOR PAINTING

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes surface preparation and the application of paint systems on the following substrates:
  - 1. Steel doors and frames.
  - 2. Gypsum board.
- B. Related Sections include the following:
  - 1. Division 9 Section "High Performance Coatings".

1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Samples for Initial Selection: For each type of topcoat product indicated.
- C. Product List: For each product indicated, include the following:
  - 1. Cross-reference to paint system and locations of application areas. Use same designations indicated on Drawings and in schedules.
  - 2. Printout of current "MPI Approved Products List" for each product category specified in Part 2, with the proposed product highlighted.

1.3 QUALITY ASSURANCE

- A. MPI Standards:
  - 1. Products: Complying with MPI standards indicated and listed in "MPI Approved Products List."
  - 2. Preparation and Workmanship: Comply with requirements in "MPI Architectural Painting Specification Manual" for products and paint systems indicated.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F.
  - 1. Maintain containers in clean condition, free of foreign materials and residue.
  - 2. Remove rags and waste from storage areas daily.

1.5 PROJECT CONDITIONS

- A. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between **50 and 95 deg F**.
- B. Do not apply paints when relative humidity exceeds 85 percent; at temperatures less than **5 deg F** above the dew point; or to damp or wet surfaces.

#### 1.6 EXTRA MATERIALS

- A. Furnish extra materials described below that are from same production run (batch mix) as materials applied and that are packaged for storage and identified with labels describing contents.
  - 1. Quantity: Furnish an additional 5 percent, but not less than **1 gal.** of each material and color applied.

#### 1.7 MEASUREMENT AND PAYMENT

- A. There will be no separate measurement or payment for work in this section. Payment will be included in the contract unit price for items shown in the schedule of items.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - 1. Columbia Paint & Coatings.
  - 2. ICI Paints.
  - 3. Sherwin-Williams Company (The).
  - 4. Approved equal.

#### 2.2 PAINT, GENERAL

- A. Material Compatibility:
  - 1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
  - 2. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.
- B. Colors: As indicated in a color schedule or selected by Contracting Officer.

#### 2.3 METAL PRIMERS

- A. Alkyd Anticorrosive Metal Primer: MPI #79.
- B. Cementitious Galvanized-Metal Primer: MPI #26.

## 2.4 ALKYD PAINTS

- A. Alkyd Enamel (Semigloss): MPI #94 (Gloss Level 5).

## 2.5 INTERIOR PRIMERS/SEALERS

- A. Interior Latex Primer/Sealer: MPI #50.
- B. Interior Alkyd Primer/Sealer: MPI #45.

## 2.6 INTERIOR METAL PRIMERS

- A. Waterborne Galvanized-Metal Primer: MPI #134.
- B. Rust-Inhibitive Primer (Water Based): MPI #107.

## 2.7 LATEX PAINTS (Select from the following as indicated)

- A. High-Performance Architectural Latex (Low Sheen): MPI #138 (Gloss Level 2).
- B. High-Performance Architectural Latex (Eggshell): MPI #139 (Gloss Level 3).
- C. High-Performance Architectural Latex (Satin): MPI #140 (Gloss Level 4).
- D. High-Performance Architectural Latex (Semigloss): MPI #141 (Gloss Level 5).

# PART 3 - EXECUTION

## 3.1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of work.
- B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
  - 1. Gypsum Board: 12 percent.
- C. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.
- D. Begin coating application only after unsatisfactory conditions have been corrected and surfaces are dry.
  - 1. Beginning coating application constitutes Contractor's acceptance of substrates and conditions.

## 3.2 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates indicated.

- B. Remove plates, machined surfaces, and similar items already in place that are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
  - 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.
  - 2. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
- C. Clean substrates of substances that could impair bond of paints, including dirt, oil, grease, and incompatible paints and encapsulants.
  - 1. Remove incompatible primers and reprime substrate with compatible primers as required to produce paint systems indicated.
- D. Steel Substrates: Remove rust and loose mill scale. Clean using methods recommended in writing by paint manufacturer.
- E. Gypsum Board Substrates: Do not begin paint application until finishing compound is dry and sanded smooth.

### 3.3 APPLICATION

- A. Apply paints according to manufacturer's written instructions.
  - 1. Use applicators and techniques suited for paint and substrate indicated.
  - 2. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
  - 3. Paint front and backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
- B. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of same material are to be applied. Tint undercoats to match color of topcoat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.
- C. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- D. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.

### 3.4 CLEANING AND PROTECTION

- A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.

- C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Contracting Officer, and leave in an undamaged condition.
- D. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

### 3.5 INTERIOR PAINTING SCHEDULE

#### A. Exposed Steel Substrates:

- 1. High-Performance Architectural Latex System: MPI INT 5.1R.
  - a. Prime Coat: Alkyd anticorrosive metal primer.
  - b. Intermediate Coat: High-performance architectural latex matching topcoat.
  - c. Topcoat: High-performance architectural latex (semigloss).

#### B. Exposed Galvanized-Metal Substrates:

- 1. High-Performance Architectural Latex System: MPI INT 5.3M.
  - a. Prime Coat: Waterborne galvanized-metal primer.
  - b. Intermediate Coat: High-performance architectural latex matching topcoat.
  - c. Topcoat: High-performance architectural latex (satin) and (semigloss), where indicated.

#### C. Gypsum Board Substrates:

- 1. High-Performance Architectural Latex System: MPI INT 9.2B.
  - a. Prime Coat: Interior latex primer/sealer.
  - b. Intermediate Coat: High-performance architectural latex matching topcoat.
  - c. Topcoat: High-performance architectural latex (flat) and (satin), where indicated.

END OF SECTION 099120

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